Discrete Mathematics Volume 276, Numbers 1–3, 6 February 2004

6th International Conference on Graph Theory

Guest Editors: J.-L. Fouquet, I. Rusu

Contents

J.L. Fouquet and I. Rusu Preface	1
J.L. Fouquet and I. Rusu Guest Editors	3
J. Bang-Jensen and T. Jordán Splitting off edges between two subsets preserving the edge-connectivity of	
the graph	5
H. Bielak	
Local Ramsey numbers for copies of cycles	29
N. Bonichon, B. Le Saëc and M. Mosbah	
Orthogonal drawings based on the stratification of planar graphs	43
E. Boros, V. Gurvich and R. Meshulam Difference graphs	59
	00
R. Cada, E. Flandrin, H. Li and Z. Ryjáček Cycles through given vertices and closures	65
G. Caporossi and P. Hansen	
Variable neighborhood search for extremal graphs. 5. Three ways to automate finding conjectures	81
I. Charon, I. Honkala, O. Hudry and A. Lobstein	
The minimum density of an identifying code in the king lattice	95
E.J. Cockayne, O. Favaron and C.M. Mynhardt	
On i ⁻ -ER-critical graphs	111
B. Courcelle	
Clique-width of countable graphs: a compactness property	127
C. Delorme	
Laplacian eigenvalues and fixed size multisection	149
M. DeVos, J. Nešetřil and A. Raspaud	***
Antisymmetric flows and edge-connectivity	161

0012-365X/04/\$ - see front matter doi:10.1016/S0012-365X(03)00685-X

Discrete Mathematics Volume 276, Numbers 1–3, 6 February 2004

6th International Conference on Graph Theory

Guest Editors: J.-L. Fouquet, I. Rusu

Contents

J.L. Fouquet and I. Rusu Preface	1
J.L. Fouquet and I. Rusu Guest Editors	3
J. Bang-Jensen and T. Jordán Splitting off edges between two subsets preserving the edge-connectivity of	
the graph	5
H. Bielak	
Local Ramsey numbers for copies of cycles	29
N. Bonichon, B. Le Saëc and M. Mosbah	
Orthogonal drawings based on the stratification of planar graphs	43
E. Boros, V. Gurvich and R. Meshulam Difference graphs	59
	00
R. Cada, E. Flandrin, H. Li and Z. Ryjáček Cycles through given vertices and closures	65
G. Caporossi and P. Hansen	
Variable neighborhood search for extremal graphs. 5. Three ways to automate finding conjectures	81
I. Charon, I. Honkala, O. Hudry and A. Lobstein	
The minimum density of an identifying code in the king lattice	95
E.J. Cockayne, O. Favaron and C.M. Mynhardt	
On i ⁻ -ER-critical graphs	111
B. Courcelle	
Clique-width of countable graphs: a compactness property	127
C. Delorme	
Laplacian eigenvalues and fixed size multisection	149
M. DeVos, J. Nešetřil and A. Raspaud	***
Antisymmetric flows and edge-connectivity	161

0012-365X/04/\$ - see front matter doi:10.1016/S0012-365X(03)00685-X

V. Dobrynin On the rank of a matrix associated with a graph	169
H. Enomoto and H. Li Partition of a graph into cycles and degenerated cycles	177
R. Euler Coloring planar Toeplitz graphs and the stable set polytope	183
A.S. Finbow and B.L. Hartnell Well-located graphs: a collection of well-covered ones	201
S. Gravier and F. Maffray On the choice number of claw-free perfect graphs	211
H. Gropp "Réseaux réguliers" or regular graphs—Georges Brunel as a French pioneer in graph theory	219
A. Guénoche, B. Leclerc and V. Makarenkov On the extension of a partial metric to a tree metric	229
GB. Guenver and JX. Rampon Split orders	249
V. Kabanov and I. Vakula The lower domination parameters in inflation of graphs of radius 1	269
S.P. Mansilla and O. Serra Automorphism groups of k-arc transitive covers	273
J. Maxová and J. Nešetřil On covers of graphs	287
A. Pêcher Cayley partitionable graphs and near-factorizations of finite groups	295
B. Randerath 3-Colorability and forbidden subgraphs. I: Characterizing pairs	313
J.P. Spinrad A note on computing graph closures	327
L.A. Székely A successful concept for measuring non-planarity of graphs: the crossing number	331
Z. Szigeti On a min-max theorem on bipartite graphs	353
JM. Vanherpe Clique-width of partner-limited graphs	363

A.P. Wojda A condition for a graph to contain k-matching	37
M. Wożniak Packing of graphs and permutations—a survey	37
H. Zhang, F. Zhang and H. Yao Z-transformation graphs of perfect matchings of plane bipartite graphs	39
Author index to volume 276	40

This journal is part of ContentsDirect, the *free* alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for ContentsDirect online at: http://contentsdirect.elsevier.com http://contentsdirect.elsevier.com

